

What is claimed is:

1. An orthodontic bracket comprising:
a base firmly attachable directly or indirectly to
teeth surfaces;
- 5 a bracket main body equipped on one side of the base;
an arch wire slot shaped in groove along mesiodistal
direction in the bracket main body, enabling to support
an arch wire therein;
a substantially belt-like clip curved substantially
10 in U-shape as covering at least one part of an opposite
side to the base in the arch wire slot, the clip having
a catching end portion for creeping under a cover portion
supported by the bracket main body at an upper end part
thereof and a recess portion for catching a clip release
15 tool for releasing the clip at the upper end part thereof;
and
a guide portion formed in at least one of the bracket
main body and the base and along a tooth axial direction
crossing with the arch wire slot, enabling to guide the
20 clip.
2. The orthodontic bracket as set forth in claim
1, wherein the recess portion is a concave portion which
does not pass through the clip along thickness.

3. The orthodontic bracket as set forth in claim
1, wherein the recess portion is a cut-and-rising portion
where the clip rises along thickness in a direction
separating from the bracket main body.

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4. The orthodontic bracket as set forth in claim
3, wherein the recess portion is the cut-and-rising
portion where one side of a slit as a boundary formed
at the upper end part of the clip rises along thickness
10 in a direction separating from the bracket main body.

5. The orthodontic bracket as set forth in claim
3, wherein the recess portion is formed at an end part
of the clip.

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6. The orthodontic bracket as set forth in claim
5, wherein the recess portion is shaped substantially
in a half-spherical dome.

20 7. The orthodontic bracket as set forth in claim
6, wherein the recess portion has a cutout substantially
in V-shape at a flat and end part thereof.

25 8. An orthodontic bracket comprising:
a base firmly attachable directly or indirectly to

teeth surfaces;

a bracket main body equipped on one side of the base;

an arch wire slot shaped in groove along mesiodistal direction in the bracket main body, enabling to support
5 an arch wire therein;

a substantially belt-like clip curved substantially in U-shape as covering at least one part of an opposite side to the base in the arch wire slot, the clip having a catching end portion for creeping under a cover portion
10 supported by the bracket main body at an upper end part thereof and a catching cutout portion substantially in V-shape for catching a clip release tool for releasing the clip at the upper end part thereof; and

15 a guide portion formed in at least one of the bracket main body and the base and along a tooth axial direction crossing with the arch wire slot, enabling to guide the clip.

9. The orthodontic bracket as set forth in claim
20 1, wherein the clip has a contacting portion and the bracket main body has a receiving portion enabling to contact to the contacting portion, and wherein when the clip is released from the bracket main body, the contacting portion contacts to the receiving portion, thereby
25 enabling to regulate a releasing position of the clip

from the bracket main body.

10. The orthodontic bracket as set forth in claim
8, wherein the clip has a contacting portion and the bracket
5 main body has a receiving portion enabling to contact
to the contacting portion, and wherein when the clip is
released from the bracket main body, the contacting
portion contacts to the receiving portion, thereby
enabling to regulate a releasing position of the clip
10 from the bracket main body.

11. A clip release tool for releasing a clip from
a bracket main body of an orthodontic bracket, the
orthodontic bracket comprising a base firmly attachable
15 directly or indirectly to teeth surfaces, a bracket main
body equipped on one side of the base, an arch wire slot
shaped in groove along mesiodistal direction in the
bracket main body, enabling to support an archwire therein,
a substantially belt-like clip curved substantially in
20 U-shape as covering at least one part of an opposite side
to the base in the arch wire slot, the clip having a catching
end portion for creeping under a cover portion supported
by the bracket main body at an upper end part thereof
and a recess portion or a substantially V-shaped catching
25 cutout portion for catching a clip release tool for

releasing the clip at the upper end part thereof, and
a guide portion formed in at least one of the bracket
main body and the base, and along a tooth axial direction
crossing with the arch wire slot, enabling to guide the
5 clip, the clip release tool comprising:

a first projection and a second projection which
are arranged substantially in V-shape,

wherein the first projection enables to catch the
recess portion or the substantially V-shaped catching
10 cutout portion of the clip, and the second projection
regulates the engagement of the first projection with
the recess portion or the catching cutout portion, while
pressing down the clip to prevent the clip from deformation
of the clip.

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